

*Application No. 10/039,947  
SD-6858 Moore*

## REMARKS

### Status of the Claims

- Claims **2-30, 32-37, 39-43, 46-54, and 56-66** are pending.
- Claims **2-22, 30, 34-37, 39-43, 46-52, 54 and 56-65** are allowed.
- Claims **23-29, 32, 33, 53 and 66** are rejected.

### Current Amendments to the Claims

- Claim **23** was amended to depend from claim **39**.
- Claim **24** was amended to depend from claim **23**.
- Claim **27** was amended to depend from claim **26**.
- Claim **28** was amended to depend from claim **23**.
- Claim **32** was amended to depend from claim **39**.

### Allowable Claims

Applicants gratefully acknowledge the allowance of claims **2-22, 30, 34-37, 39-43, 46-52, 54 and 56-65**.

Application No. 10/039,947  
SD-6858 Moore

### Claim Rejections under 35 USC 103(a)

#### I. Claims 23, 26, 53

Claims **23, 26 and 53** were rejected under 35 USC 103(a) as being unpatentable over the *Galbacs et al.* publication entitled "Removal of the arsenic content of drinking water" or the *Galbacs et al.* publication entitled "Ammonia removal from sewage waters by magnesium salts", in view of *Vempati* (U.S. Patent No. 6,790,363).

In response, applicants have amended claim **23** to depend from allowed claim **39**. Hence, claim **23** (as currently amended) is now allowable.

Claims **26** and **53** depend from allowable claim **23**. Hence, claims **26** and **53** are allowable.

#### II. Claims 23, 24, 25, 28, 29 and 53

Claims **23, 24, 25, 28, 29** and **53** were rejected under 35 USC 103(a) as being unpatentable over the *Galbacs et al.* publication entitled "Removal of the arsenic content of drinking water" or the *Galbacs et al.* publication entitled "Ammonia removal from sewage waters by magnesium salts", in view of *Johnson et al.* (U.S. Patent No. 6,656,587).

In response, applicants have amended claim **23** to depend from allowed claim **39**. Hence, claim **23** (as currently amended) is now allowable.

Applicants have amended claim **24** to depend from allowed claim **23**. Hence, claim **24** (as currently amended) is now allowable.

Claim **25** depends from allowable claim **24**. Hence, claim **25** is allowable.

Claim **28** was amended to depend from allowed claim **23**. Hence, claim **28** (as currently amended) is now allowable.

Claim **29** depends from allowable claim **28**. Hence, claim **29** is allowable.

Claim **53** depends from allowable claim **23**. Hence, claim **53** is allowable.

#### III. Claims 23, 26, 27 and 53

Claims **23, 26, 27** and **53** were rejected under 35 USC 103(a) as being unpatentable over the *Galbacs et al.* publication entitled "Removal of the arsenic

**THIS PAGE LEFT BLANK**

*Application No. 10/039,947*  
*SD-6858 Moore*

Assignment from Robert C. Moore and D. Richard Anderson to Sandia Corporation). Hence, the rejection under 35 USC 103 **does not meet** the necessary requirements set forth in 35 USC 102(e) and should be withdrawn.

Application No. 10/039,947  
SD-6858 Moore

## Conclusion

Applicants have responded to each and every objection and rejection, and urge that the claims as presented and currently amended, are now in condition for allowance. Applicants request expeditious processing to issuance.

The Office is authorized to charge **Deposit Account # 19-0131** for any necessary fees regarding this response, including \$ 120 for a 1-month extension of time.

Respectfully submitted,

Robert D. Watson

Robert D. Watson  
Reg. No. 45,604

Ph: (505) 845-3139  
Fax: (505) 284-3453  
e-mail: [rdwatso@sandia.gov](mailto:rdwatso@sandia.gov)

Sandia National Laboratories  
P.O. Box 5800 MS-0161  
Albuquerque, NM 87185-0161

Customer No. 20567

### Certificate of Transmission under 37 CFR 1.10

I hereby certify that this correspondence was transmitted via facsimile to the U.S. Patent and Trademark Office at phone no. 571 - 273 - 8300 on 09/08/2005 (date).

Robert D. Watson

Robert D. Watson